

Newport Harbor Commission Objectives FY 2012 – 13

September 12, 2012

The 2012-13 Harbor Commission Objectives will be presented to the City Council as part of a *State of the Harbor* presentation. These objectives are intended to support the mission of the Harbor Area Management Plan, which is:

"To protect and improve the resources of Newport Harbor, Upper Newport Bay, and the ocean beaches to ensure their proper use and enjoyment by all things that derive life, recreation, or commerce from our City's most important asset."

In keeping with this mission, the Commission's objectives for the coming year are intended to advance two over-arching purposes: (1) ensuring the long term welfare of our Harbor for all residential, recreational, and commercial users; (2) promoting Newport Harbor as a preferred and welcoming destination for visiting Southern California boaters and long-distance cruising yachts.

Ensuring the Long Term Welfare of Newport Harbor

1) Investigate potential solutions to two long-standing obstacles to maintenance dredging of private docks and areas of the harbor that are outside the scope of USACE projects. The primary obstacles are (1) the difficult permitting process and (2) a lack of small scale dredging operators. New environmental permitting strategies and effective deployment of smaller scale dredging equipment (public or private) will be studied and benchmarked with other California harbor communities. Report findings to the Council.

2) Develop recommendations for the highest and best public use of Lower Castaways, the last remaining undeveloped city-owned waterfront property. Report recommendations to the Council.

3) Engage Harbor Resources Staff, City Attorney's Office and USACE to test willingness to undertake the process of resetting the harbor lines and develop consensus in defining the best approach to this project. Report findings to the Council, seeking Council's approval to proceed.

4) Develop recommendations to the City Council for greater effectiveness in the enforcement of certain provisions of the Harbor Code, including but not limited to:

Speed limit exception for sanctioned human powered and sail racing events

Rehabilitation or removal of derelict vessels

- 5) Identify strategies to improve boating education opportunities for beginners, novices and experts – particularly targeting Newport Beach residents.*
- 6) Identify strategies to maintain water-related businesses on the harbor. Develop recommendations to the Council.*
- 7) Continue ongoing study and investigation of vessel overhang regulations and general compliance throughout the harbor. Report to the Council with recommendations, if deemed appropriate.*
- 8) Develop a more effective public outreach to communicate the Harbor Commission's role, purpose, and objectives as a citizen advisory voice for the harbor community.*
- 9) Continue ongoing study of alternative mooring design solutions. Report recommendations to the Council, if deemed appropriate.*

Promoting Newport Harbor as a Preferred and Welcoming Destination

- 1) Collaborate with Visit Newport Beach, Inc. to identify existing strengths, weaknesses and opportunities for developing our harbor as an even more desirable destination for visiting cruisers. Define specific strategies for increasing the number of visiting vessels, improving the visitor experience, and supporting the businesses that serve our visitors.*
- 2) Evaluate public anchorage alternatives and develop a recommendation to the Council, specifically addressing the concept of retaining the Turning Basin anchorage recently established as a temporary measure during the 2012 harbor dredging project.*
- 3) Continue to evaluate the placement of existing public piers that facilitate visitor access to harbor area businesses and amenities. Develop recommendations for the repositioning or development of additional piers to improve visitor access.*

HARBOR COMMISSION/CITY COUNCIL LIAISON PAIRINGS

SUBCOMMITTEE RECOMMENDATIONS

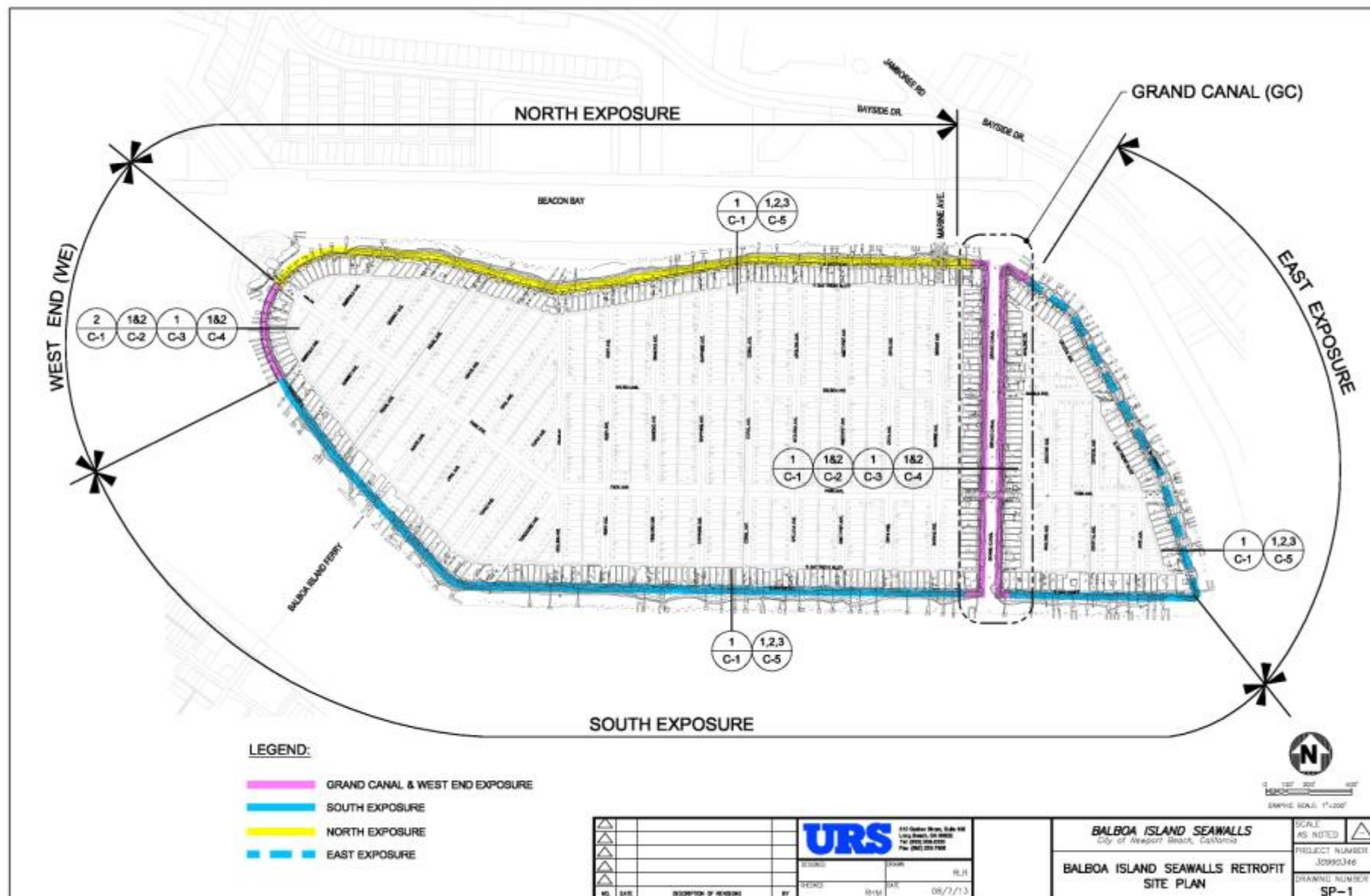
September 11, 2013

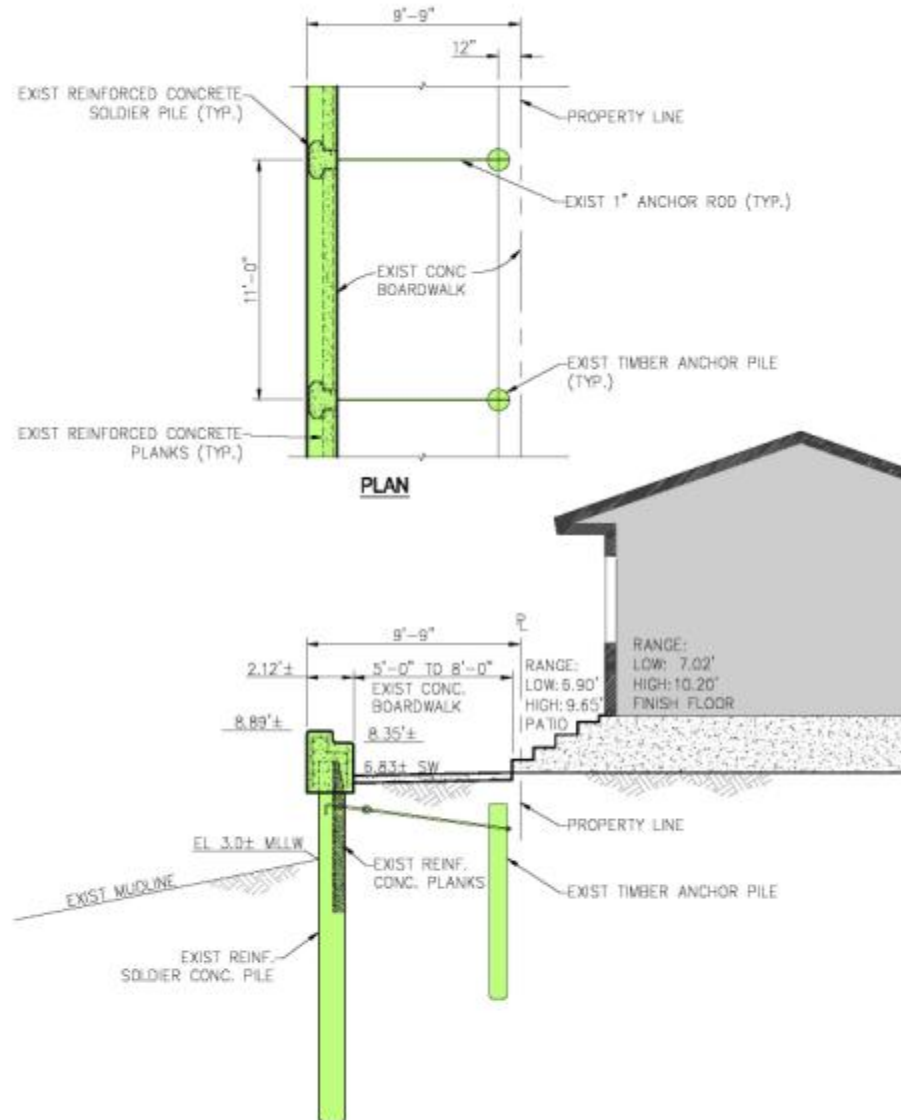
District	Council	(Paired with)	Commission
1	Henn		Girling
2	Petros		Stapleton
3	Hill		McIntosh
4	Daigle		West
5	Selich		Rhyne
6	Gardner		Blank
7	Curry		Avery

Balboa Island and Little Balboa Island Seawall Replacement Project

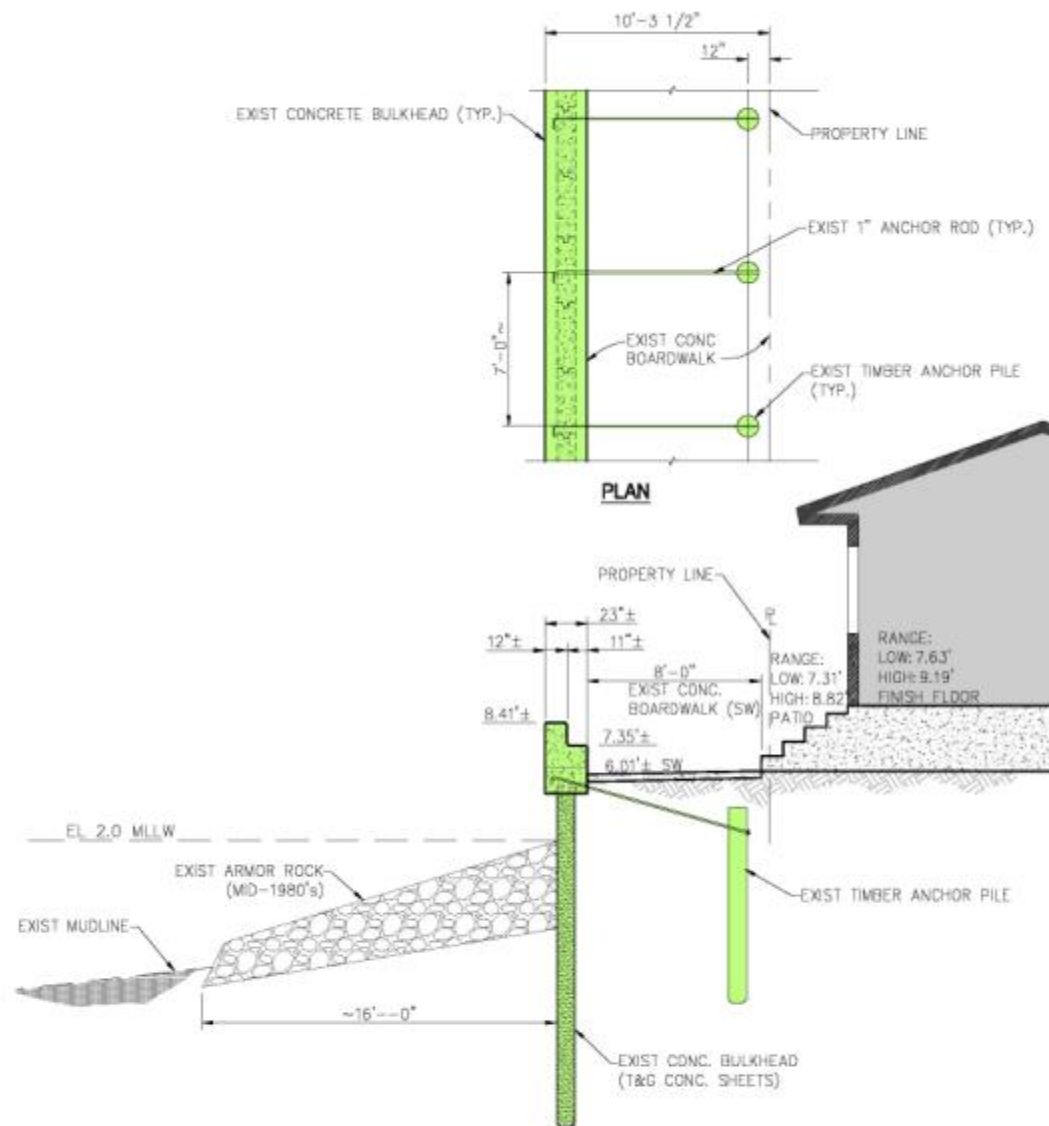


Tidelands Management Committee
September 16, 2013



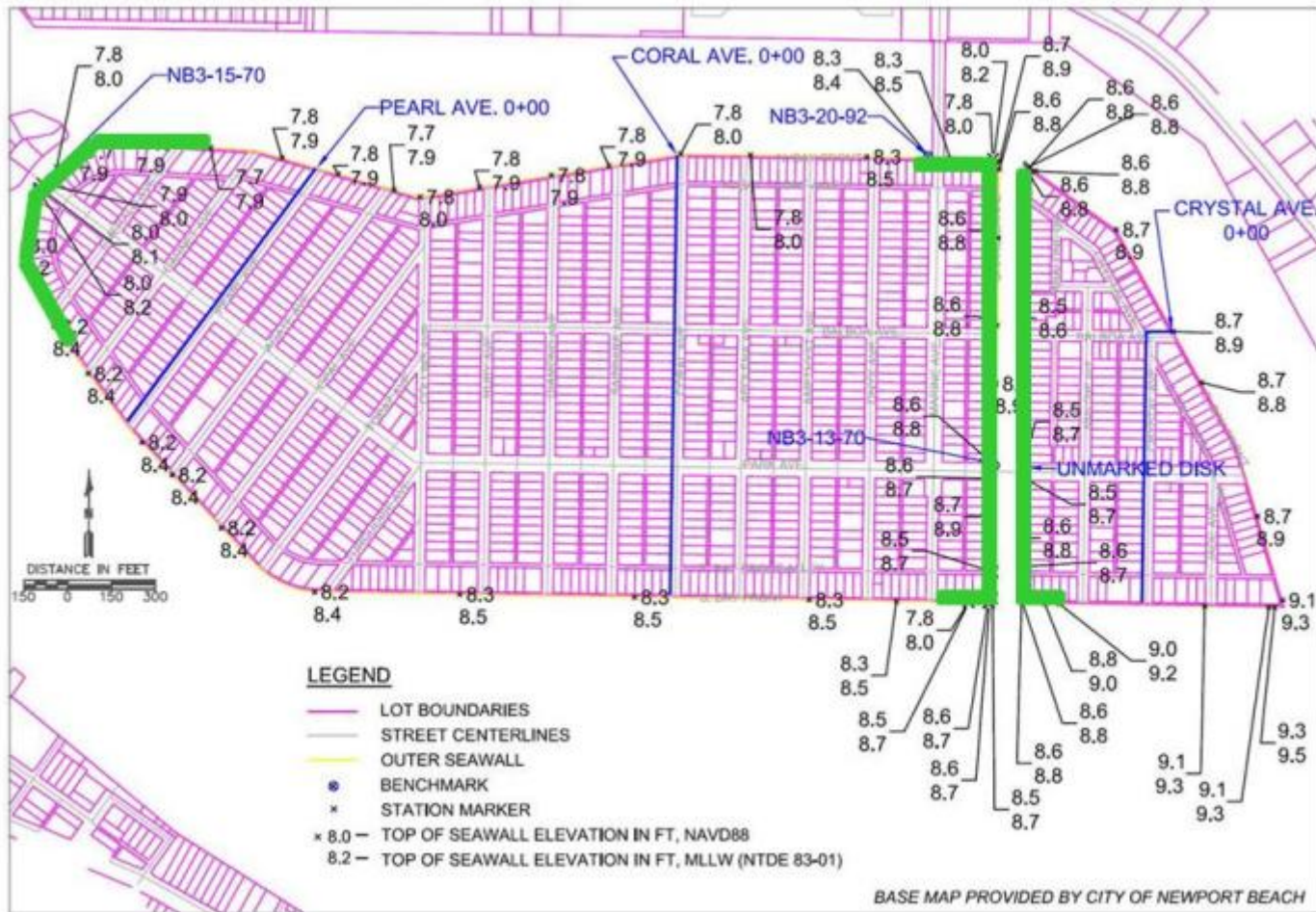


1 CASE 1 - EXISTING GENERAL CONDITION
C-1 GRAND CANAL

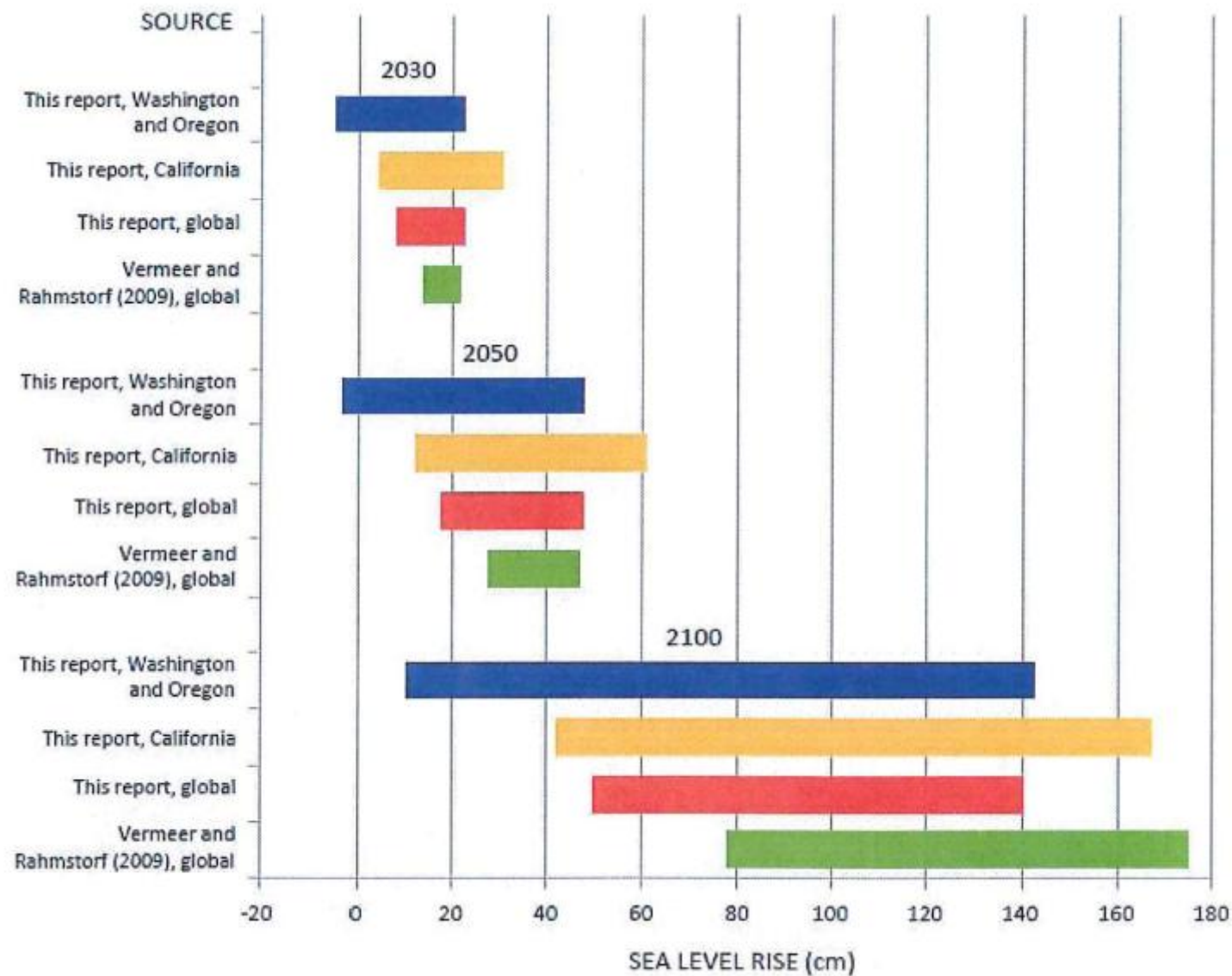


2
C-1 CASE 2 - EXISTING GENERAL CONDITION
WEST END (500 FT)

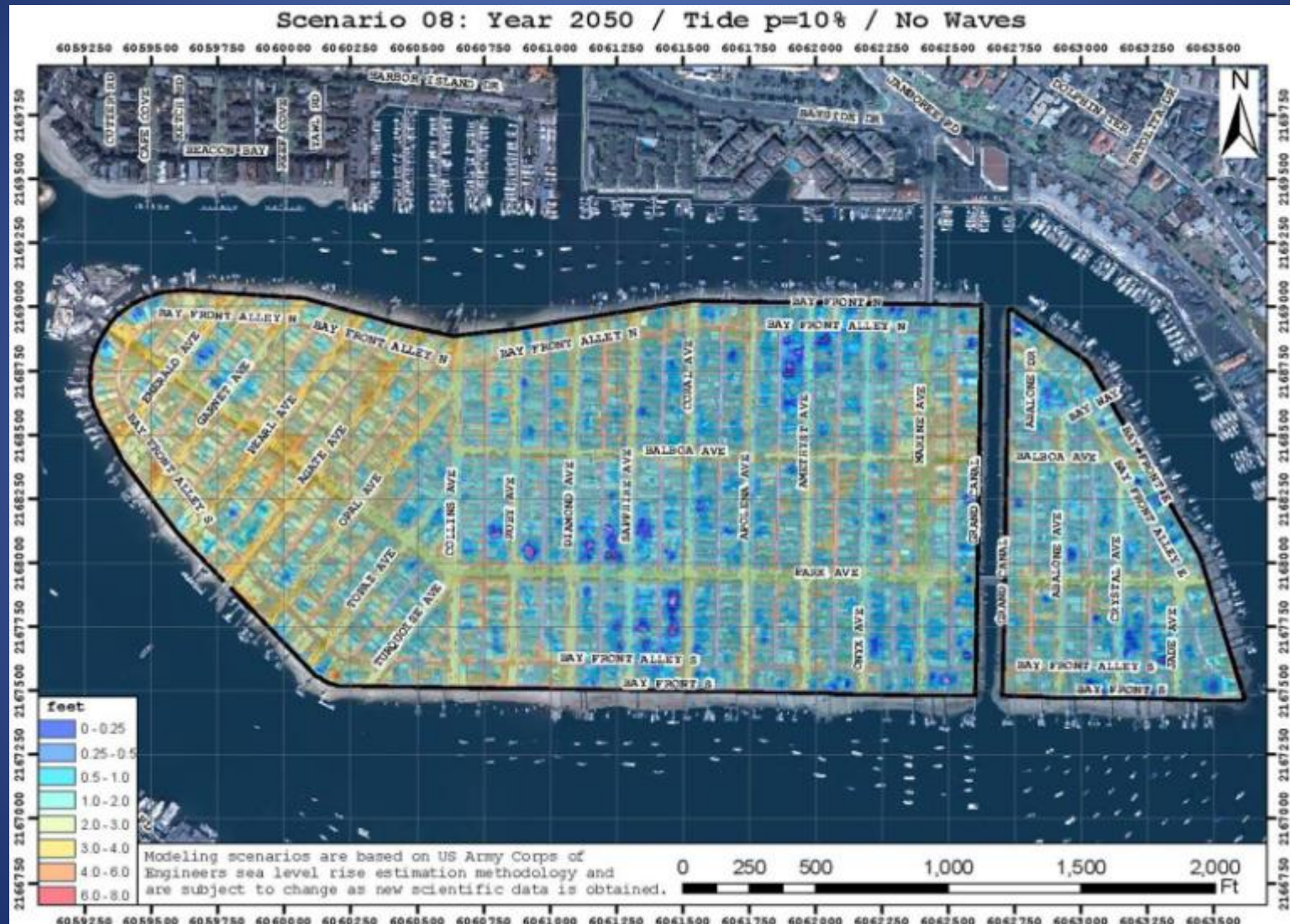
Top of Seawall Elevations



Projected Sea Level Rise



2050 Flood w/o additional protection



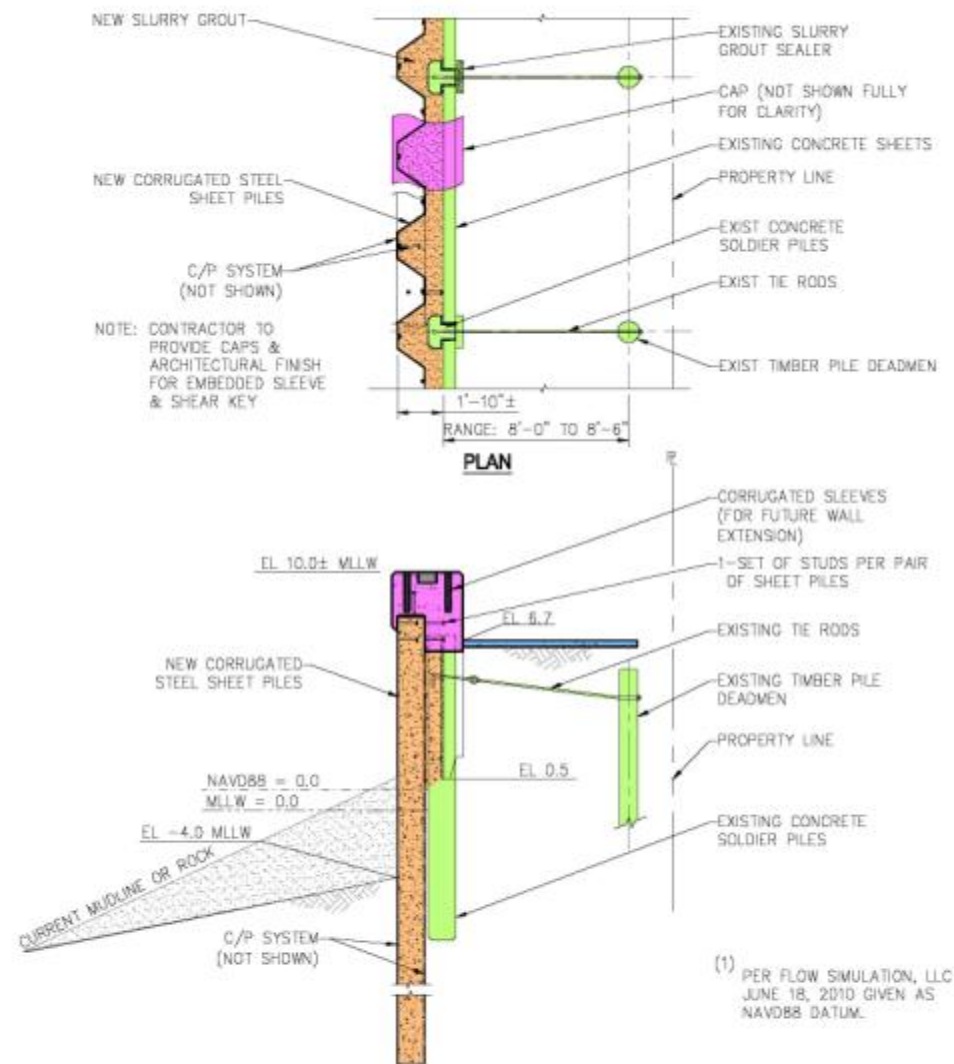
Street Flooding Overtopping Curb

(December 22, 2010)



Status of the Naples Seawall Permit Application

- CDP application agendized for October
- Proposed seawall location is on the outside of the existing wall.

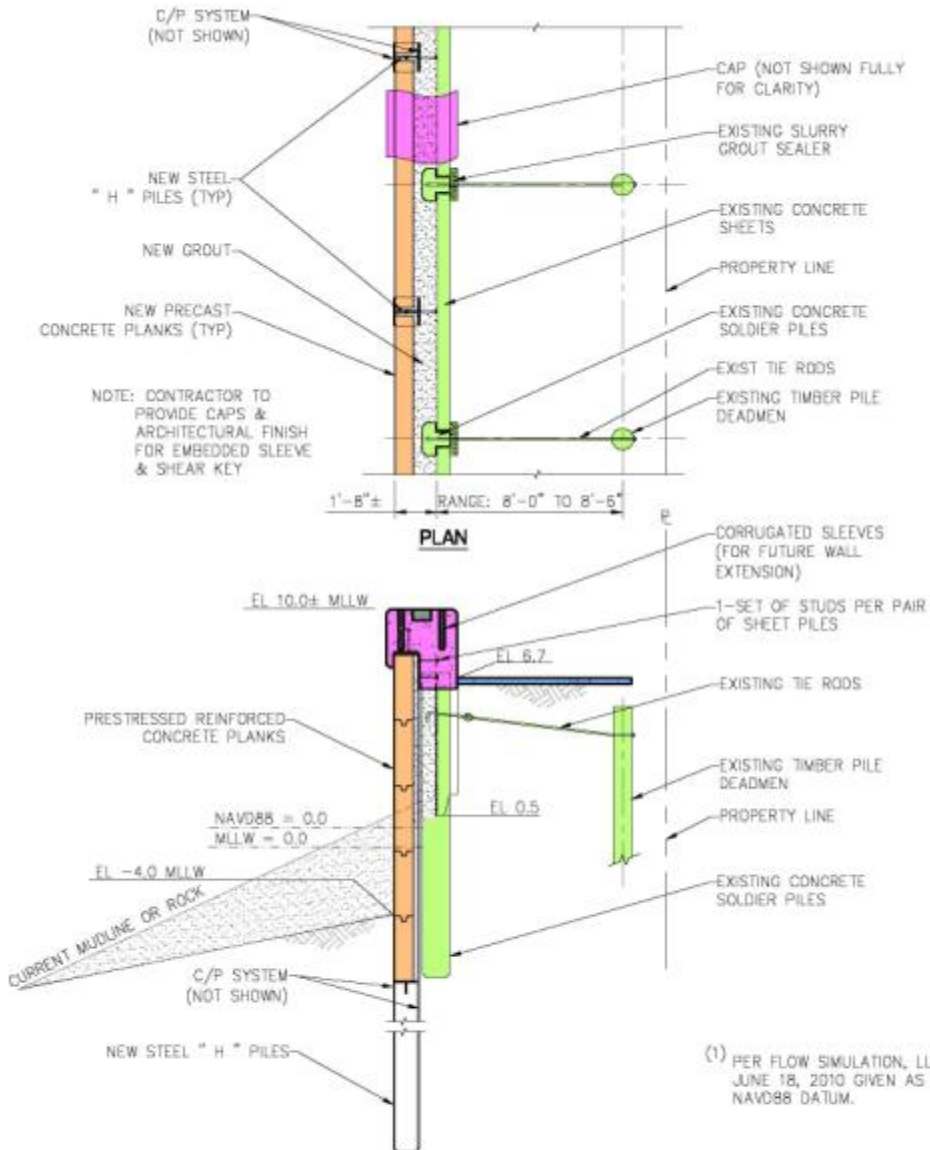


1 **OPTION 1 - NEW STEEL SHEET PILE SYSTEM**
c-2 **GC & WE (WATERSIDE)**

New Seawall – Option 1

Steel Sheet Pile Bulkhead



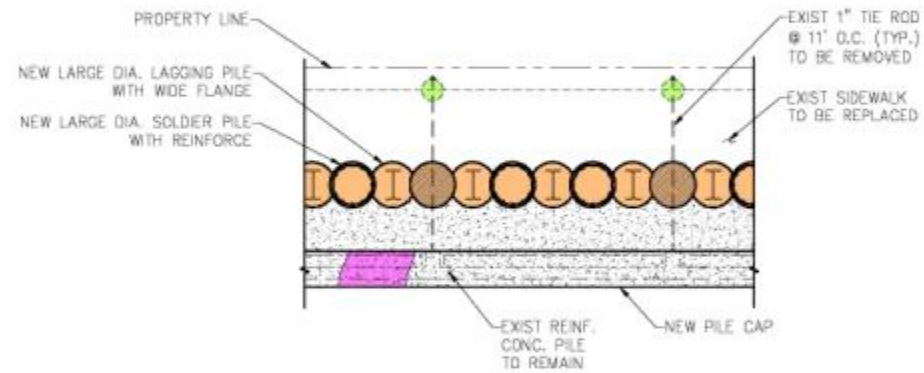


2 **OPTION 2 - NEW "H" PILE SYSTEM**
C-2 **GC & WE (WATERSIDE)**

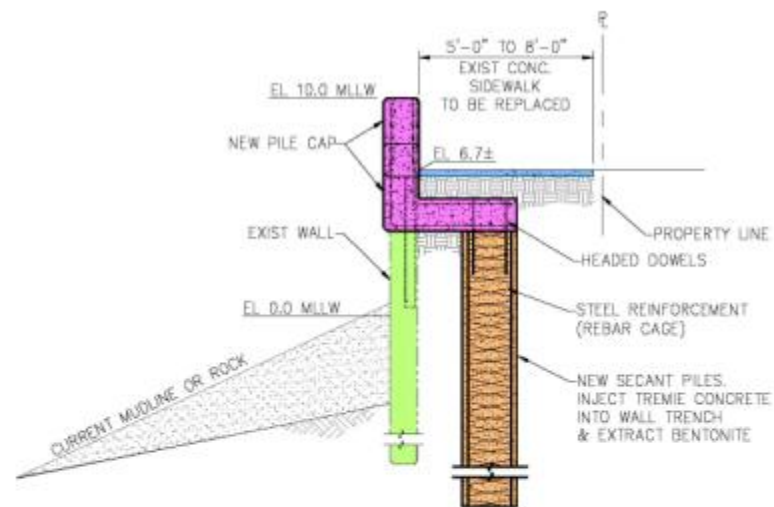
New Seawall – Option 12

H-piles and Concrete Wall (Lag) Panels

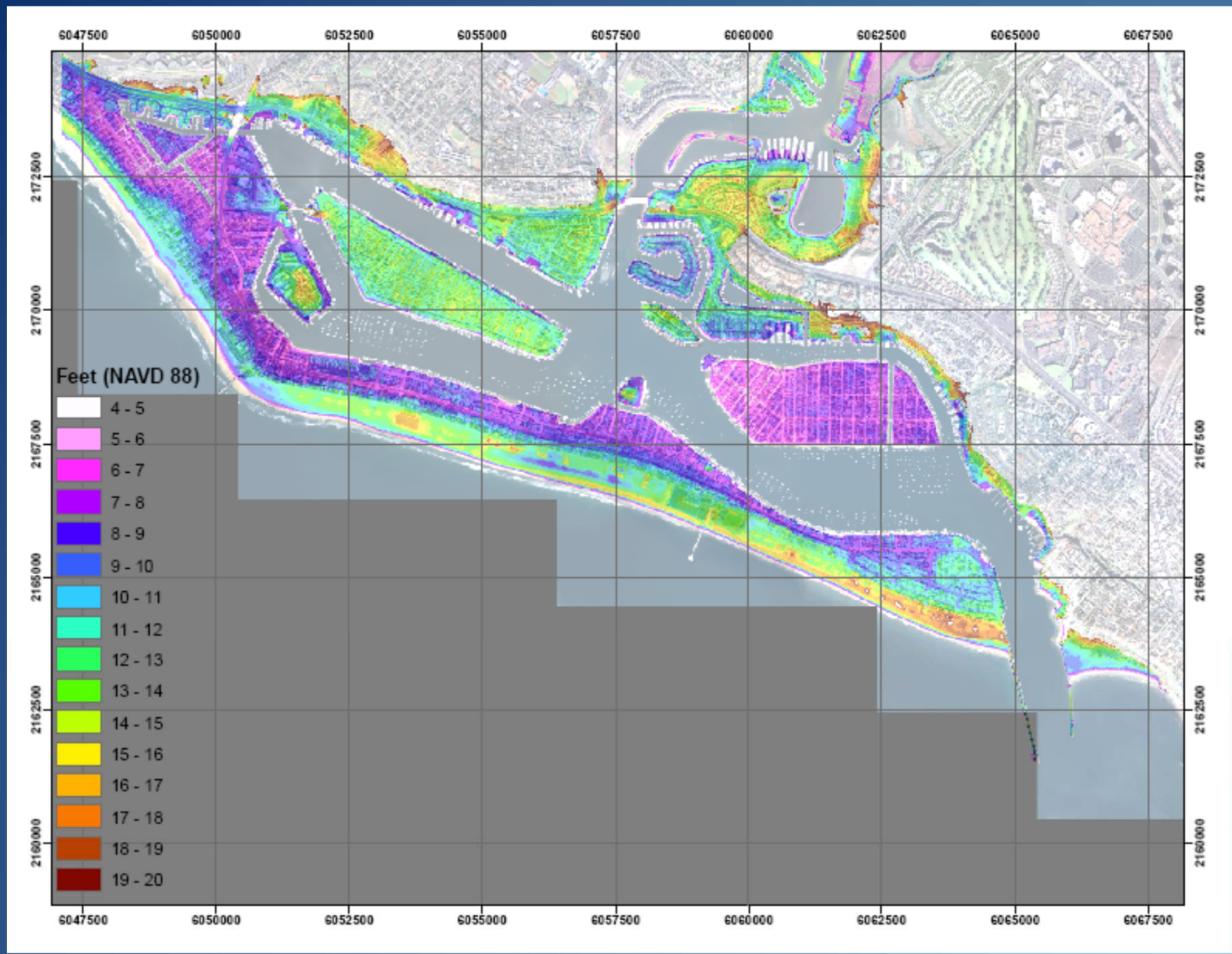




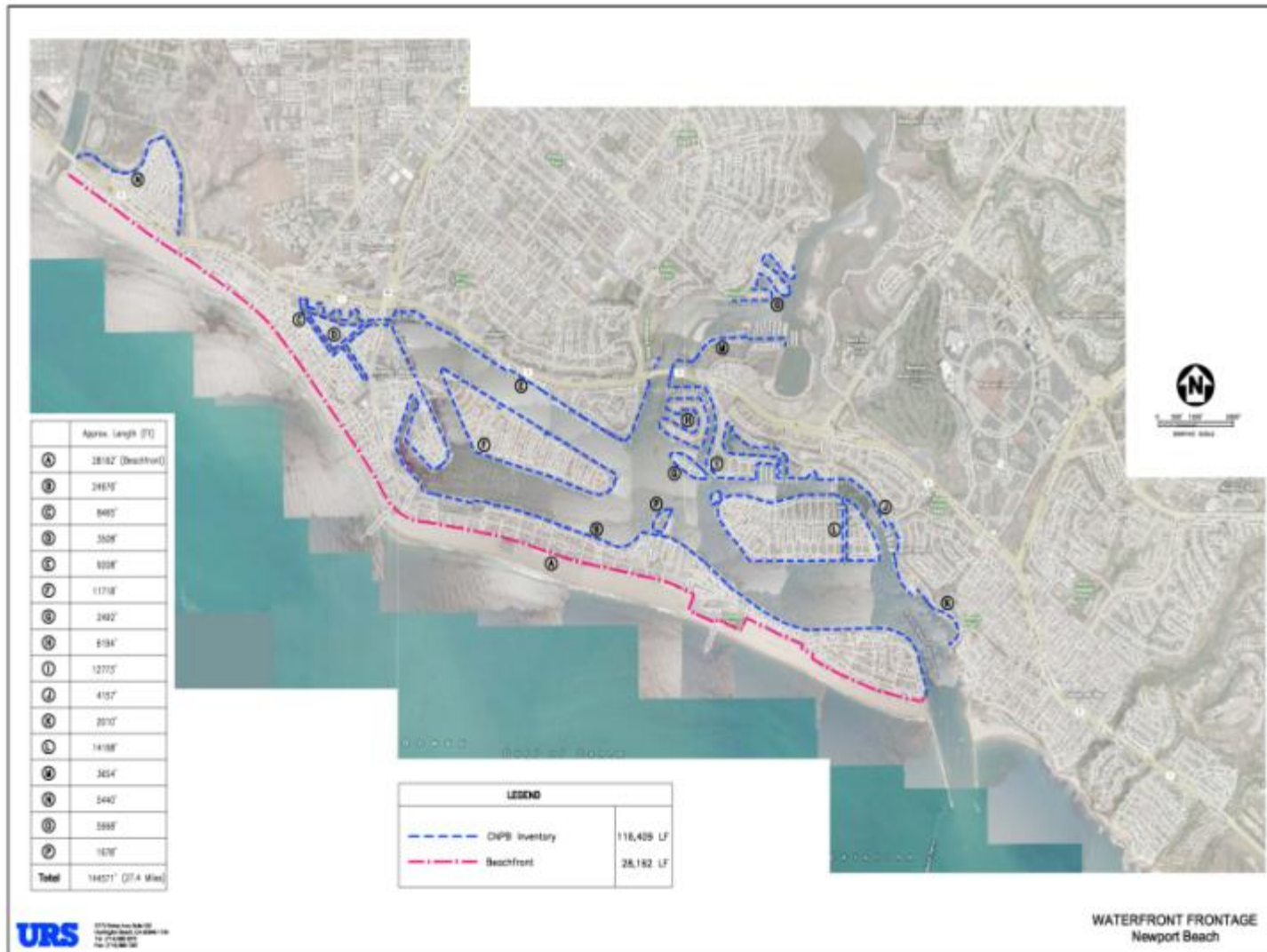
PLAN



1 **OPTION 4 - SECANT PILE SYSTEM**
C-4 **GC & WE (LANDSIDE)**



Harbor Seawalls



Working Waterfront Committee

1. Members from Counties of LA and OC, Cities of Huntington Beach, Redondo Beach and Newport Beach
2. Now an official committee under California Marine Affairs and Navigation Conference
3. Contacts with Ventura, Long Beach, San Diego
4. CMANC meeting in Monterey in November

Potential Costs

	Quantity	Unit Cost	Total
New Seawalls – Phase 1	4,233 feet	\$4,200	\$17,800,000
New Seawalls – Phase 2	7,266 feet	4,200	30,500,000
New Seawalls– Phase 3	3,233 feet	2,500	8,000,000
Ferry Landing and Bridges	Lump sum	5,000,000	5,000,000
TOTAL			\$61,300,000

Balboa Islands Seawall Funding Options

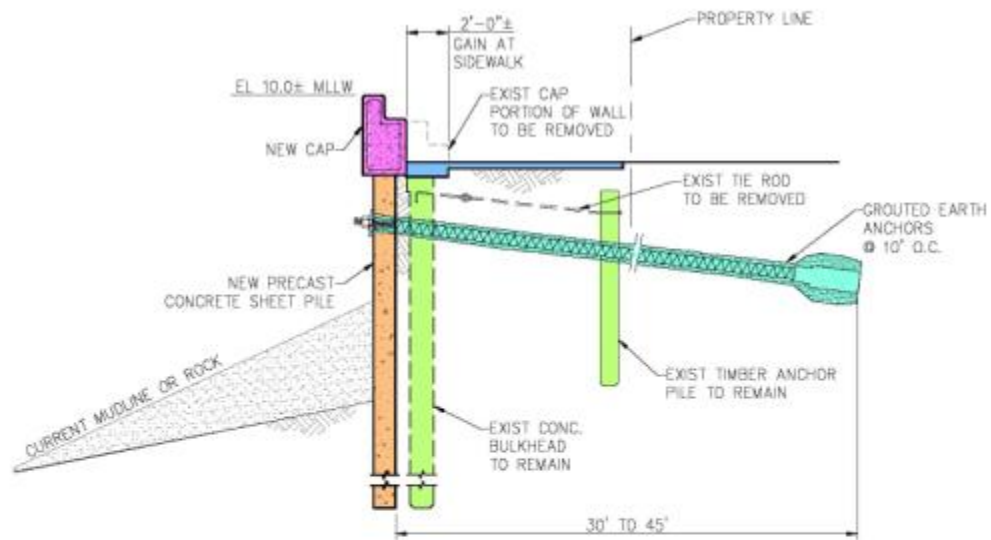
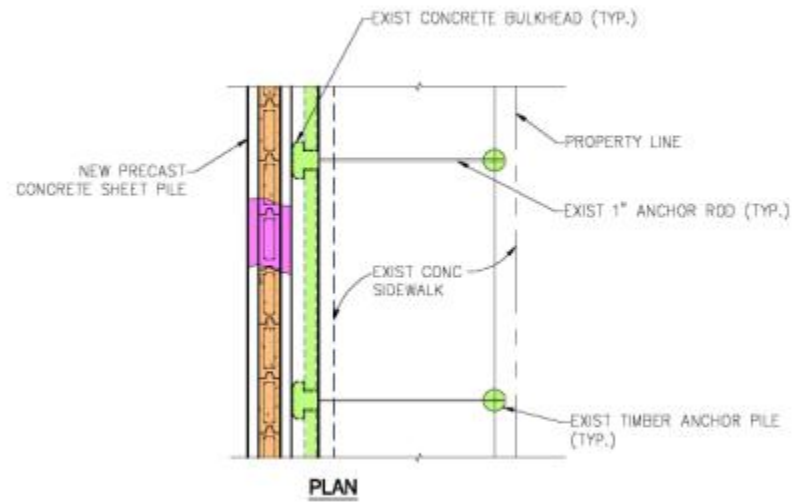
- Assessment District
- General Fund
- Lobby Washington for Grant Funding
- Tide and Submerged Lands Fund

Project Status

1. Perform geotechnical, biological, and hydrodynamic studies
2. Prepare preliminary drawings for Phase 1
3. Prepare the Mitigated Negative Declaration
4. Prepare and submit permit applications

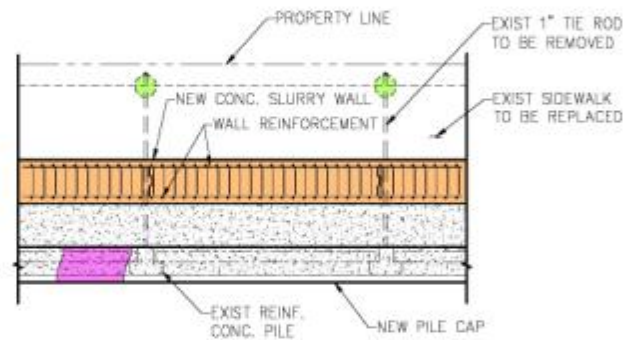
Seawall Replacement Project



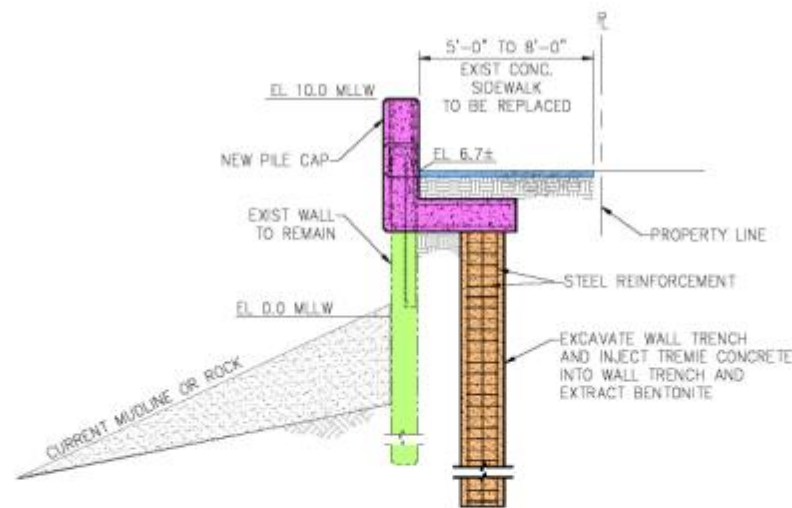


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C-3

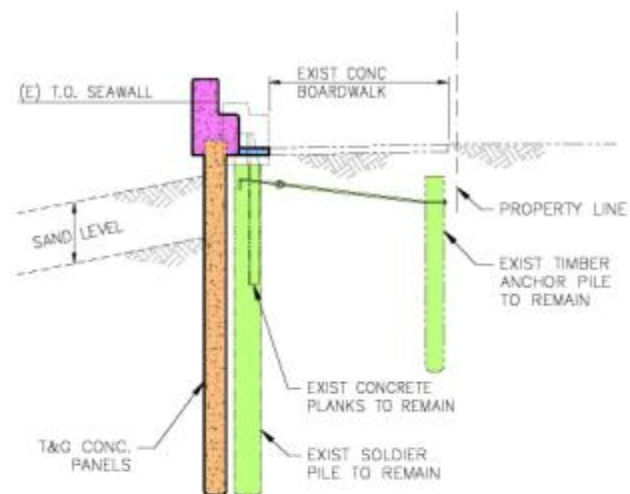
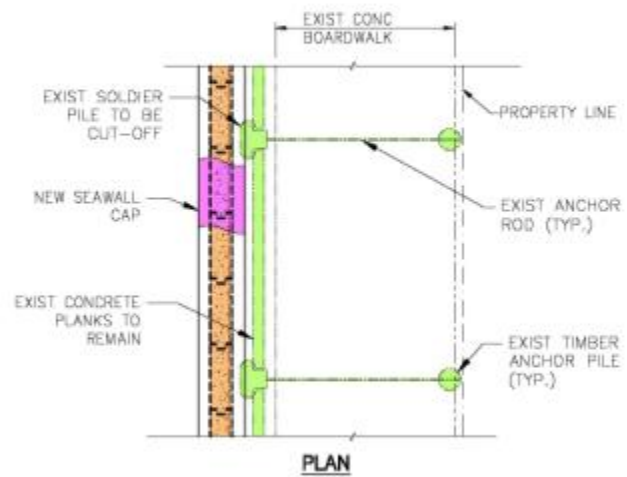
OPTION 3 - CONCRETE SHEET PILE SYSTEM
GC & WE (WATERSIDE)



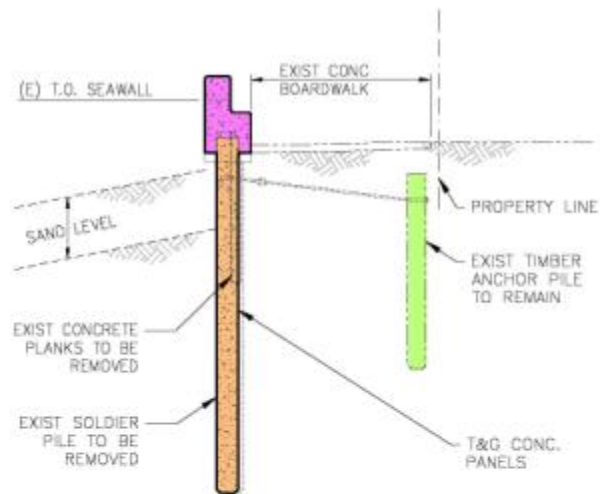
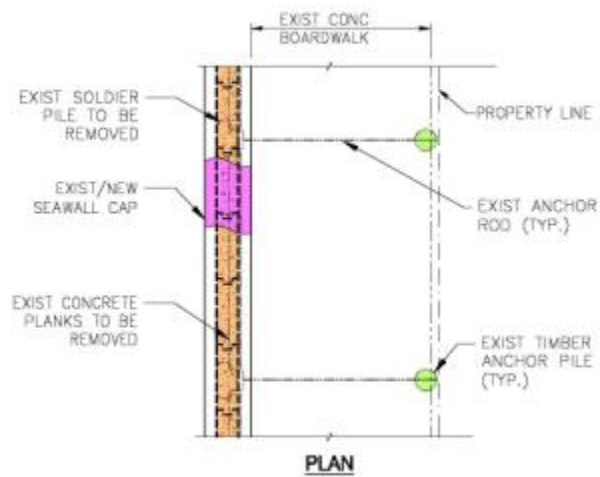
PLAN



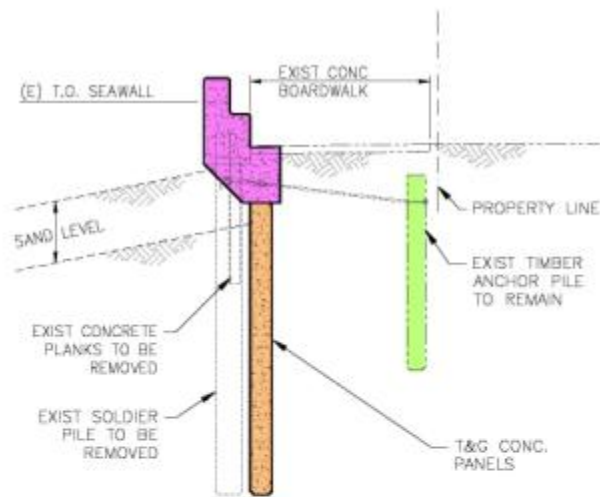
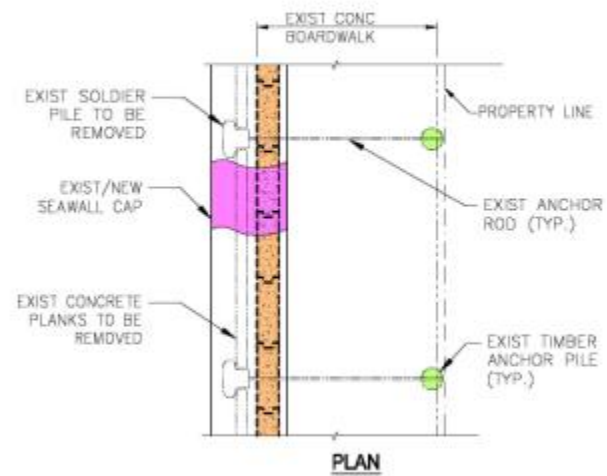
2 **OPTION 5 - SLURRY WALL SYSTEM**
C-4 **GC & WE (LANDSIDE)**



1
C-5
Option A - CONCRETE SHEET PILE SYSTEM
 N/S - Big Island
 E - Little Island
 (WATERSIDE)



2 **Option B - CONCRETE SHEET PILE SYSTEM**
C-5 **N/S - Big Island (SAME ALIGNMENT)**
E - Little Island



3 **Option C - CONCRETE SHEET PILE SYSTEM**
C-5 **N/S - Big Island (LANDSIDE)**
E - Little Island